

What is claimed is:

1. A system for operating a multimedia communications network, comprising:

at least two endpoints and at least one registration unit wherein, after the arrival or authorization of a call, a call status request message is transmitted by one of the registration units to at least one of the two endpoints involved in the call, the call status request message includes a request to the two endpoints to report properties of the media and/or data connection which is established between the two endpoints in connection with the call.

2. A system for operating a multimedia communications network, comprising:

at least two endpoints between which media and/or data connections are established by a call, wherein after the arrival of the call, a call status request message is transmitted by one of the two endpoints to at least one of the two endpoints involved in the call, which call status request message includes a request to the two endpoints to report properties of the media and/or data connection which is set up between the two endpoints in connection with the call.

3. The system as claimed in claim 1, wherein the call status request message includes a divert instruction for the call status acknowledge message.

4. The system as claimed in claim 3, wherein the divert instruction requests the call status acknowledge message to be transferred to a QoS device.

5. The system as claimed in claim 4, wherein the divert instruction includes an IP multicast address for which the QoS devices have been registered.

4005009-00000000

6. The system as claimed in claim 4, wherein at least one QoS device acknowledges the call status acknowledge message.

7. The system as claimed in claim 3, wherein the divert instruction requests that the call status acknowledge message be transferred to a resource manager.

8. The system as claimed in claim 7, at least one resource manager acknowledges the call status acknowledge message.

9. The system as claimed in claim 1, wherein the call status request message includes a request to dispatch the requested call status acknowledge message cyclically.

10. The system as claimed claim 1, wherein after reception of the call status request message, at least one of the two endpoints repeatedly transmits the call status acknowledge messages if a media and/or data connection has change properties.

11. The system as claimed in claim 2, wherein the call status request message includes a divert instruction for the call status acknowledge message.

12. A method for operating a multimedia communications network, comprising:

transmitting a call status request message to at least one of two endpoints in the network after the arrival or authorization of a call, the network having at least the two endpoints and at least one registration unit, which call status request message includes a request to the two endpoints to report properties of a media and/or data connection which is established between the endpoints in connection with

the call.

13. A method for operating a multimedia communications network, comprising:

transmitting a call station request message by one of at least two endpoints in the network after the arrival of a call, the network having the at least two endpoints between which media and/or data connections are established by means of a call, which call status request message includes a request to the two endpoints to report properties of a media and/or data connection which is established between the endpoints in connection with the call.

14. The method as claimed in claim 12, wherein the call status request message includes a divert instruction for the call status acknowledge message.

15. The method as claimed in claim 14, wherein the divert instruction requests the call status acknowledge message to be transferred to a QoS device.

16. The method as claimed in claim 15, wherein the divert instruction includes an IP multicast address for which the QoS devices have been registered.

17. The method as claimed in claim 15, wherein at least one QoS device acknowledges the call status acknowledge message.

18. The method as claimed in claim 14, wherein the divert instruction requests that the call status acknowledge message be transferred to a resource manager.

19. The method as claimed in claim 18, wherein at least one resource manager acknowledges the call status acknowledge message.

20. The method as claimed in claim 12, wherein the call status request message includes a request to dispatch the requested call status acknowledge message cyclically.

21. The method as claimed in claim 12, wherein after reception of the call status request message, one of the two endpoints repeatedly transmits the call status acknowledge message if a media and/or data connection changes properties.

22. The method as claimed in claim 15, wherein the call status request message includes a divert instruction for the call status acknowledge message.